

"Express Mail" Label No. EL 630579196US  
Date of Deposit April 27, 2001

PATENT  
Attorney Docket No.: 20796-000120US

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

By: Walter C. Currell

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Sang He Lee

Application No.: Not yet assigned

Filed: April 27, 2001

For: ANTIBODY PRODUCTION IN  
FARM ANIMALS

Examiner: Not yet assigned

Art Unit: Not yet assigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE CLAIMS:

Please amend claims 4-6, 8-11, and 18. Please add claims 19 and 20.

1                   4.     (Amended) Secretion product according to claim 1, wherein said  
2     mammary secretion product is milk.

1                   5.     (Amended) Secretion product according to claim 1, wherein said antibody  
2     is an IgA antibody.

1                   6.     (Amended) Secretion product according to claim 1, further comprising  
2     boosting an immune response to said antigen in said animal.

8. (Amended) A mammary secretion product obtainable by a method according to claim 1.

9. (Amended) An antibody composition derived from a mammary secretion product according to claim 1.

10. Use of a mammary secretion product according to claim 1 for the preparation of a medicament.

11. A food product comprising a mammary secretion product according to claim 1.

18. Mature milk according to claim 16, wherein said percentage is at least 100 percent.

19. (New) Use of an antibody composition according to claim 9 for the preparation of a medicament.

20. (New) A food product comprising an antibody composition according to claim 9.

#### REMARKS

Amendment is made to delete all multiple dependencies from the claims, thereby avoiding the need to pay the multiple dependent surcharge.

#### CONCLUSION

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



Nathan Cassell  
Reg. No. 42,396

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
NSC  
PA 3142385 v1

09845035-042704

**Version With Markings To Show Changes Made**

IN THE CLAIMS:

4. (Amended) Secretion product according to **[any one of]** claim[s] 1[-3], wherein said mammary secretion product is milk.

5. (Amended) Secretion product according to **[any one of]** claim[s] 1[-4], wherein said antibody is an IgA antibody.

6. (Amended) Secretion product according to **[any one of]** claim[s] 1[-5], further comprising boosting an immune response to said antigen in said animal.

8. (Amended) A mammary secretion product obtainable by a method according to **[any one of]** claim[s] 1[-7].

9. (Amended) An antibody composition derived from a mammary secretion product according to **[any one of]** claim[s] 1[-8].

10. Use of a mammary secretion product according to **[any one of]** claim[s] 1[-8 **or an antibody composition according to claim 9,**] for the preparation of a medicament.

11. A food product comprising a mammary secretion product according to **[anyone of]** claim[s] 1[-8 **or an antibody composition according to claim 9.**]

18. Mature milk according to claim 16 **[or 17]**, wherein said percentage is at least 100 percent.

19. (New) Use of an antibody composition according to claim 9 for the preparation of a medicament.

20. (New) A food product comprising an antibody composition according to claim 9.